



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D139-799-015
Job Sheet 175717



Part No: D139-799-015

Job Qty: 2 ea

Part Name: Engine Wash



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 4/10/18

Job Tracking No:

Due Date: 4/20/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: IIN-D139-799 REV:O IPP Rev:B 11.07.04 new issue DD verf:JLM IPP REV:B AS PER ECN 11-598 11-06-05
JLM VERF BY:DD IPP Rev:C 11.09.27 PER CHG003 DD verf:EC IPP Rev:D 13.09.24 PER CHG005/ECN13-
579 DD verf:JLM IPP REV:E 16.10.13 AS PER IIN REV:L DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	2 Ea	4/20/18	4/20/18	0.00	0.00	Start Up Stores/Pkg-1		1.45	APR 17 2018
110	Packaging	2 pcs	4/20/18	4/20/18	0.00	0.00	Packaging1-1		6.39	APR 17 2018
120	QC	2 pcs	4/20/18	4/20/18	0.00	0.00	QC4		1.89	M. LD.
125	DC	2 pcs	4/20/18	4/20/18	0.00	0.00	DC			M. LD.
130	Packaging	2 pcs	4/20/18	4/20/18	0.00	0.00	Packaging3-1			M. LD.
140	QC21-FG	2 Ea	4/20/18	4/20/18	0.00	0.00	QC21			

Part Op 125 - Photocopy bluefile & type labels per PPP D139-799-015 CHG006

Descriptions: 130 - Identify and pack for shipping as per PPP D139-799-015 PPP rev: F9019

DAS
21
9-89

APR 18 2018



Container No: S061926



Part: D139-799-015

Job No: 175717

Serial No/Batch: S061926

Revision: 0

Inspector:

Dart Aerospace Ltd.
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CANADA
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www.dartaerospace.com

Date: 04/17/18

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN3C3A	Bolt	8 Ea (4 ea)	90-Start up Operation	5019312
AN3C5A	Bolt	6 Ea (3 ea)	90-Start up Operation	5057009
AN526-1032R16	Screw	8 Ea (4 ea)	90-Start up Operation	FM134702-0
AN832-6J	Union	4 pcs (2 ea)	90-Start up Operation	5019410
AN924-6J	Nut	8 Ea (4 ea)	90-Start up Operation	5027844
CB2000CRA3-28	Stud	6 Ea (3 ea)	90-Start up Operation	FM136485
CB4022V3CR8	Anchor Nut	6 Ea (3 ea)	90-Start up Operation	5000136
CB91	Acrylic Adhesive, 3.5G	4 pcs (2 ea)	90-Start up Operation	FM130136
D4121-1	Hose Assembly	4 Ea (2 ea)	90-Start up Operation	5027186
D4121-3	Hose Assembly	2 Ea (1 ea)	90-Start up Operation	5027154
D4121-5	Hose Assembly	2 Ea (1 ea)	90-Start up Operation	5027155
D4131-041	Manifold Assembly	2 Ea (1 ea)	90-Start up Operation	5055613
D4131-043	Doubler Assembly	2 Ea (1 ea)	90-Start up Operation	5055613
D4146-1	Fitting	4 Ea (2 ea)	90-Start up Operation	5032541
D4182-1	Fitting, Quick Disconnect	4 Ea (2 ea)	90-Start up Operation	5019134
D4384-1	Placard	2 Ea (1 ea)	90-Start up Operation	580679
MS21043-3	Nut	20 Ea (10 ea)	90-Start up Operation	5057534
MS21919-WDG9	Clamp	18 Ea (9 ea)	90-Start up Operation	FM137736A
MS21919WCH16	Clamp	4 Ea (2 ea)	90-Start up Operation	FM137886-83
MS21919WCH4	Clamp	4 Ea (2 ea)	90-Start up Operation	5056034
MS21919WCH9	Clamp	8 Ea (4 ea)	90-Start up Operation	5024442
NAS1149C0316R	Washer	12 Ea (6 ea)	90-Start up Operation	FM136501
NAS1149C0332R	Washer	16 Ea (8 ea)	90-Start up Operation	5049837
NAS1149C0932R	Washer	8 Ea (4 ea)	90-Start up Operation	FM134702
NAS43DD3-80N	Spacer	6 Ea (3 ea)	90-Start up Operation	FM137847.0

2/01/2019

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN3C3A	8	412	0
	AN3C5A	6	2,095	0
	AN526-1032R16	8	81	0
	AN832-6J	4	10	0
	AN924-6J	8	28	0
	CB2000CRA3-28	6	28	0
	CB4022V3CR8	6	28	0
	CB91	4	54	0
	D4121-1	4	7	0
	D4121-3	2	7	0
	D4121-5	2	7	0
	D4131-041	2	3	0
	D4131-043	2	7	0
	D4146-1	4	4	0
	D4182-1	4	16	0
	D4384-1	2	4	0
	MS21043-3	20	912	0
	MS21919-WDG9	18	126	0
	MS21919WCH16	4	22	0
	MS21919WCH4	4	22	0
	MS21919WCH9	8	24	0
	NAS1149C0316R	12	350	0
	NAS1149C0332R	16	6,563	0
	NAS1149C0932R	8	216	0
	NAS43DD3-80N	6	28	0

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Part Specifications

Specifications could not be found.



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Container View (Active) - Master Unit Containers

Master Unit No	Container No	Part No	Part Name	From Container	Current Location	Quantity
002569	S061916	AN3C3A	Bolt	s019392	Start Up Stores/Pkg-1	8
002569	S061915	AN3C5A	Bolt	s057009	Start Up Stores/Pkg-1	6
002569	S061914	AN526-1032R16	Screw	fm134702-0	Start Up Stores/Pkg-1	8
002569	S061913	AN832-6J	Union	s019418	Start Up Stores/Pkg-1	4
002569	S024844	AN924-6J	Nut		Start Up Stores/Pkg-1	8
002569	S061912	CB2000CRA3-28	Stud	fm136485	Start Up Stores/Pkg-1	6
002569	S061911	CB4022V3CR8	Anchor Nut	s000736	Start Up Stores/Pkg-1	6
002569	S061910	CB91	Acrylic Adhesive, 3.5G	fm136936	Start Up Stores/Pkg-1	4
002569	S027752	D4121-1	Hose Assembly	S026249	Start Up Stores/Pkg-1	4
002569	S061909	D4121-3	Hose Assembly	s027754	Start Up Stores/Pkg-1	2
002569	S061907	D4121-5	Hose Assembly	s027755	Start Up Stores/Pkg-1	2
002569	S061906	D4131-041	Manifold Assembly	s054265	Start Up Stores/Pkg-1	2
002569	S061905	D4131-043	Doubler Assembly	s055693	Start Up Stores/Pkg-1	2
002569	S032541	D4146-1	Fitting	S032515	Start Up Stores/Pkg-1	4
002569	S061904	D4182-1	Fitting, Quick Disconnect	s019134	Start Up Stores/Pkg-1	4
002569	S061903	D4384-1	Placard	f80679	Start Up Stores/Pkg-1	2
002569	S061902	MS21043-3	Nut	s057534	Start Up Stores/Pkg-1	20
002569	S061901	MS21919-WDG9	Clamp	fm137736	Start Up Stores/Pkg-1	18
002569	Fm137886.83	MS21919WCH16	Clamp		Start Up Stores/Pkg-1	2
002569	S061919	MS21919WCH16	Clamp	s060424	ST291	2
002569	S061893	MS21919WCH4	Clamp	s056034	Start Up Stores/Pkg-1	4
002569	S061892	MS21919WCH9	Clamp	s024442	Start Up Stores/Pkg-1	8
002569	S061891	NAS1149C0316R	Washer	fm136511	Start Up Stores/Pkg-1	12
002569	S061889	NAS1149C0332R	Washer	s049837	Start Up Stores/Pkg-1	16
002569	S061888	NAS1149C0932R	Washer	fm134702	Start Up Stores/Pkg-1	8
002569	S061886	NAS43DD3-80N	Spacer	fm137847.0	Start Up Stores/Pkg-1	6

Note: Ad hoc query view of Part.dbo.Container where Container.Active = 1.

Plex 4/17/18 1:50 PM dart.quirion.sonia

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Part Number: D139-799-015

Description: ENGINE WASH[illegible]

WORK ORDER NON-CONFORMANCE / UPDATE



QA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐					
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Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
Description Work Order Deviation		Disposition	Completed By
			Lead hand / Supervisor Approval Verification
			QC / QA Coordinator Approval

Root Cause				FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐		
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐		
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐		
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐		
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐		
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐		
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐		
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐		
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :					
Misidentified ☐	Past Due ☐						

Qty -015	Part Number	Description
X	D139-799-015	ENGINE WASH KIT
2	D4121-1	HOSE ASSEMBLY
1	D4121-3	HOSE ASSEMBLY
1	D4121-5	HOSE ASSEMBLY
1	D4131-041	MANIFOLD ASSEMBLY
1	D4131-043	DOUBLER ASSEMBLY
2	D4146-1	FITTING
2	D4182-1	FITTING, QUICK DISCONNECT
1	D4384-1	PLACARD
3	AN3C5A	BOLT (or NAS6603-4)
4	AN3C3A	BOLT
4	AN526-1032R16	SCREW
2	AN832-6J	UNION (or AN837-6J)
4	AN924-6J	NUT
10	MS21043-3	NUT
4	NAS1149C0932R	WASHER (or AN960C916L)
8	NAS1149C0332R	WASHER (or AN960C10L)
6	NAS1149C0316R	WASHER (or AN960C10LL)
3	NAS43DD3-80N	SPACER
9	MS21919WDG09	CLAMP (or AS21919WDG09)
2	MS21919WCH4	CLAMP (or AS21919W CH4)
4	MS21919WCH9	CLAMP (or AS21919W CH9)
2	MS21919WCH16	CLAMP (or AS21919W CH16)
3	CB2000CRA3-28	STUD (or A366A3E30C)
3	CB4022V3CR8	ANCHOR NUT (or AW001TL3A08)
2	CB91	3.5g ACRYLIC ADHESIVE KIT